

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently amended) A method to identify a compound which will effect apoptosis selectively in tumors, which method comprises assessing a candidate compound for its ability to inhibit mitochondrial ATP synthase, whereby a compound which is able to inhibit said synthase is identified as a compound that will selectively effect apoptosis in tumors;

wherein said candidate compound is an analog of apoptolidin.

Claim 2 (Original) The method of claim 1 wherein said assessing is by assessing the ATPase activity of said synthase.

Claim 3 (Original) The method of claim 2 wherein said ATP synthase is obtained from yeast.

Claim 4 (Cancelled)

Claim 5 (Original) The method of claim 4 wherein said analog is produced from a modified form of the synthase for apoptolidin or of its tailoring enzymes.

Claims 6-21 (Cancelled)